```
6841561
     FILE 'REGISTRY' ENTERED AT 16:13:23 ON 13 NOV 2007
                  EXP MIZORIBINE/CN
L1              1 S E3
L2              0 S MYCOPHENOL/CN
                  EXP MYCOPHENOL/CN
                  EXP MYCOPHENOLATE SODIUM/CN
L3             11 S E1-E12
                  EXP MYCOPHENOLIC ACID METHYL ESTER/CN
                  EXP TIAZOFURIN/CN
L4              1 S E3
L5              1 S RIBAVIRIN/CN

     FILE 'STNGUIDE' ENTERED AT 16:15:43 ON 13 NOV 2007

     FILE 'HCAPLUS' ENTERED AT 16:18:59 ON 13 NOV 2007
L6           7877 S L1 OR L3-L5
L7            263 S (IMPDH OR (INOSINE MONOPHOSPHAE DEHYDROGENASE))(2A)INHIBIT?
L8            607 S (INDUC(3A)INTERFERON) OR (CPG NUCLEOTIDE) OR ((TLR OR (TOLL-L
L9         790563 S CANCER OR TUMOR OR NEOPLAS?
L10          1002 S L6 AND L9
L11            70 S L7 AND L9
L12           267 S L8 AND L9
L13             2 S (L6 OR L7) AND L8
L14             2 S L13 AND L9

     FILE 'STNGUIDE' ENTERED AT 16:19:11 ON 13 NOV 2007

     FILE 'HCAPLUS' ENTERED AT 16:20:15 ON 13 NOV 2007
L15           594 S L10 AND (PY<2003 OR AY<2003 OR PRY<2003)
L16            49 S L11 AND (PY<2003 OR AY<2003 OR PRY<2003)
L17            23 S L12 AND (PY<2003 OR AY<2003 OR PRY<2003)
L18             0 S L13 AND (PY<2003 OR AY<2003 OR PRY<2003)
L19             0 S L14 AND (PY<2003 OR AY<2003 OR PRY<2003)

     FILE 'HCAPLUS' ENTERED AT 16:23:33 ON 13 NOV 2007
L20         17277 S INDUC?(3A)INTERFERON
L21           594 S L15 AND L9
L22             0 S L15 AND L8
L23            49 S L16 AND (PY<2003 OR AY<2003 OR PRY<2003)
L24            23 S L17 AND (PY<2003 OR AY<2003 OR PRY<2003)

     FILE 'STNGUIDE' ENTERED AT 16:23:43 ON 13 NOV 2007

     FILE 'HCAPLUS' ENTERED AT 16:24:53 ON 13 NOV 2007
L25           4720 S L20 AND L9
L26             59 S L20 AND L8
L27           2959 S L25 AND (PY<2003 OR AY<2003 OR PRY<2003)
L28              6 S L26 AND (PY<2003 OR AY<2003 OR PRY<2003)


     FILE 'HCAPLUS' ENTERED AT 16:28:38 ON 13 NOV 2007
L29              2 S L20 AND L7
L30              0 S L29 AND (PY<2003 OR AY<2003 OR PRY<2003)

     FILE 'HCAPLUS' ENTERED AT 17:00:10 ON 13 NOV 2007
L31             21 S ((INOSINE MONOPHOSPHATE DEHYDROGENASE)OR(IMPDH)) AND INTERFER

     FILE 'STNGUIDE' ENTERED AT 17:00:26 ON 13 NOV 2007

     FILE 'HCAPLUS' ENTERED AT 17:01:36 ON 13 NOV 2007
L32              9 S L31 AND (PY<2004 OR AY<2004 OR PRY<2004)

     FILE 'HCAPLUS' ENTERED AT 17:06:48 ON 13 NOV 2007
```

L33 58 S ((INOSINE MONOPHOSPHATE DEHYDROGENASE)OR(IMPDH)) AND INTERFER
L34 10 S ((INOSINE MONOPHOSPHATE DEHYDROGENASE)OR(IMPDH)) AND INTERFER

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=> file registry
COST IN U.S. DOLLARS                                    SINCE FILE      TOTAL
                                                           ENTRY    SESSION
FULL ESTIMATED COST                                         0.21       0.21

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DICTIONARY FILE UPDATES:  12 NOV 2007  HIGHEST RN 953132-99-5

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TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document.  For information
on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

=> exp mizoribine/cn
E1            1     MIZOLIN/CN
E2            1     MIZONIDAZOLE/CN
E3            1 --> MIZORIBINE/CN
E4            1     MIZORIBINE 5'-MONOPHOSPHATE/CN
E5            1     MIZUACE/CN
E6            1     MIZUCRIN L 401/CN
E7            1     MIZUFLOK 5000/CN
E8            1     MIZUFLOK 630/CN
E9            1     MIZUFLOK 700/CN
E10           1     MIZUFLOK 730/CN
E11           1     MIZUFLOK 760/CN
E12           1     MIZUFLOK 800/CN

=> s E3
L1            1 MIZORIBINE/CN

=> s mycophenol/cn
L2            0 MYCOPHENOL/CN

=> exp mycophenol/cn
E1            1     MYCOPENTENE 1/CN
E2            1     MYCOPENTENE 2/CN
E3            0 --> MYCOPHENOL/CN
E4            1     MYCOPHENOLAMIDE/CN
E5            1     MYCOPHENOLATE MOFETIL/CN
E6            1     MYCOPHENOLATE MOFETIL HYDROCHLORIDE/CN
E7            1     MYCOPHENOLATE SODIUM/CN
E8            1     MYCOPHENOLIC ACID/CN
E9            1     MYCOPHENOLIC ACID 2,2,2-TRICHLOROETHYL ESTER/CN
E10           1     MYCOPHENOLIC ACID 2,2,2-TRIFLUOROETHYL ESTER/CN
E11           1     MYCOPHENOLIC ACID ACETATE/CN
E12           1     MYCOPHENOLIC ACID CHLORIDE/CN
```

```
=> exp mycophenolate sodium/cn
E1            1     MYCOPHENOLATE MOFETIL/CN
E2            1     MYCOPHENOLATE MOFETIL HYDROCHLORIDE/CN
E3            1 --> MYCOPHENOLATE SODIUM/CN
E4            1     MYCOPHENOLIC ACID/CN
E5            1     MYCOPHENOLIC ACID 2,2,2-TRICHLOROETHYL ESTER/CN
E6            1     MYCOPHENOLIC ACID 2,2,2-TRIFLUOROETHYL ESTER/CN
E7            1     MYCOPHENOLIC ACID ACETATE/CN
E8            1     MYCOPHENOLIC ACID CHLORIDE/CN
E9            1     MYCOPHENOLIC ACID DISODIUM SALT/CN
E10           1     MYCOPHENOLIC ACID GLUCOSIDURONATE/CN
E11           1     MYCOPHENOLIC ACID GLUCURONIDE/CN
E12           1     MYCOPHENOLIC ACID METHYL ESTER/CN

=> s E1-E12
              1 "MYCOPHENOLATE MOFETIL"/CN
              1 "MYCOPHENOLATE MOFETIL HYDROCHLORIDE"/CN
              1 "MYCOPHENOLATE SODIUM"/CN
              1 "MYCOPHENOLIC ACID"/CN
              1 "MYCOPHENOLIC ACID 2,2,2-TRICHLOROETHYL ESTER"/CN
              1 "MYCOPHENOLIC ACID 2,2,2-TRIFLUOROETHYL ESTER"/CN
              1 "MYCOPHENOLIC ACID ACETATE"/CN
              1 "MYCOPHENOLIC ACID CHLORIDE"/CN
              1 "MYCOPHENOLIC ACID DISODIUM SALT"/CN
              1 "MYCOPHENOLIC ACID GLUCOSIDURONATE"/CN
              1 "MYCOPHENOLIC ACID GLUCURONIDE"/CN
              1 "MYCOPHENOLIC ACID METHYL ESTER"/CN
L3           11 ("MYCOPHENOLATE MOFETIL"/CN OR "MYCOPHENOLATE MOFETIL HYDROCHLOR
                IDE"/CN OR "MYCOPHENOLATE SODIUM"/CN OR "MYCOPHENOLIC ACID"/CN
               OR "MYCOPHENOLIC ACID 2,2,2-TRICHLOROETHYL ESTER"/CN OR "MYCOPHEN
               OLIC ACID 2,2,2-TRIFLUOROETHYL ESTER"/CN OR "MYCOPHENOLIC ACID
               ACETATE"/CN OR "MYCOPHENOLIC ACID CHLORIDE"/CN OR "MYCOPHENOLIC
               ACID DISODIUM SALT"/CN OR "MYCOPHENOLIC ACID GLUCOSIDURONATE"/CN
               OR "MYCOPHENOLIC ACID GLUCURONIDE"/CN OR "MYCOPHENOLIC ACID METHY
               L ESTER"/CN)

=> exp mycophenolic acid methyl ester/cn
E1            1     MYCOPHENOLIC ACID GLUCOSIDURONATE/CN
E2            1     MYCOPHENOLIC ACID GLUCURONIDE/CN
E3            1 --> MYCOPHENOLIC ACID METHYL ESTER/CN
E4            1     MYCOPHENOLIC ACID MONOAMMONIUM SALT/CN
E5            1     MYCOPHENOLIC ACID MONOSODIUM SALT/CN
E6            1     MYCOPHENOLIC ACID RESISTANCE PROTEIN (SYNTHETIC PLASMID VECT
                    OR PPZ3TA GENE IMH3)/CN
E7            1     MYCOPHENOLIC MONOSODIUM SALT/CN
E8            1     MYCOPHYT/CN
E9            1     MYCOPLANECIN A/CN
E10           1     MYCOPLANECIN A, 1-(6-CARBOXYLYSINE)-/CN
E11           1     MYCOPLANECIN A, 1-(N-((1,1-DIMETHYLETHOXY)CARBONYL)-L-ASPART
                    IC ACID)-, PHENYLMETHYL ESTER/CN
E12           1     MYCOPLANECIN A, 1-(N-((1,1-DIMETHYLETHOXY)CARBONYL)-L-CYSTEI
                    NE)-, (1.FWDARW.2')-DISULFIDE WITH L-Γ-GLUTAMYL-L-CYST
                    EINYLGLYCINE/CN

=> exp tiazofurin/cn
E1            1     TIAZESIM/CN
E2            1     TIAZESIM HYDROCHLORIDE/CN
E3            1 --> TIAZOFURIN/CN
E4            1     TIAZOFURIN 5'-DIPHOSPHATE/CN
E5            1     TIAZOFURIN 5'-MONOPHOSPHATE/CN
E6            1     TIAZOFURIN 5'-TRIPHOSPHATE/CN
E7            1     TIAZOFURINE/CN
E8            1     TIAZOL 2MBS/CN
E9            1     TIAZOLIDIN/CN
```

```
E10             1      TIAZURIL/CN
E11             1      TIAZURIL SULFONE/CN
E12             1      TIAZURIL SULFOXIDE/CN

=> s E3
L4              1 TIAZOFURIN/CN

=> s ribavirin/cn
L5              1 RIBAVIRIN/CN

=> file stnguide
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                    81.00      81.21

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=> file hcaplus
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                     0.30      81.51

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FILE LAST UPDATED: 12 Nov 2007  (20071112/ED)

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 substance identification.

=> s L1 or L3-L5

          440 L1
         3828 L3
          385 L4
         3592 L5
L6       7877 L1 OR (L3 OR L4 OR L5)

=> s (IMPDH or (inosine monophosphae dehydrogenase))(2a)inhibit?

          470 IMPDH
        11564 INOSINE
            3 MONOPHOSPHAE
```

```
        171702 DEHYDROGENASE
             1 INOSINE MONOPHOSPHAE DEHYDROGENASE
               (INOSINE(W)MONOPHOSPHAE(W)DEHYDROGENASE)
       1978251 INHIBIT?
L7          263 (IMPDH OR (INOSINE MONOPHOSPHAE DEHYDROGENASE))(2A)INHIBIT?

=> s (induc(3a)interferon) or (CPG nucleotide) or ((TLR or (toll-like
receptor))(2a)(ligand or activator or agonist))

             2 INDUC
         79949 INTERFERON
             0 INDUC(3A)INTERFERON
         13064 CPG
        456511 NUCLEOTIDE
             8 CPG NUCLEOTIDE
               (CPG(W)NUCLEOTIDE)
          7886 TLR
          9958 TOLL
        826574 LIKE
        725174 RECEPTOR
          7434 TOLL-LIKE RECEPTOR
               (TOLL(W)LIKE(W)RECEPTOR)
        331941 LIGAND
        110453 ACTIVATOR
        115175 AGONIST
           599 (TLR OR (TOLL-LIKE RECEPTOR))(2A)(LIGAND OR ACTIVATOR OR AGONIST
               )
L8          607 (INDUC(3A)INTERFERON) OR (CPG NUCLEOTIDE) OR ((TLR OR (TOLL-LIKE
                RECEPTOR))(2A)(LIGAND OR ACTIVATOR OR AGONIST))

=> s cancer or tumor or neoplas?

        336770 CANCER
        428563 TUMOR
        517459 NEOPLAS?
L9      790563 CANCER OR TUMOR OR NEOPLAS?

=> s l6 and l9

L10       1002 L6 AND L9

=> s l7 and l9

L11         70 L7 AND L9

=> s l8 and l9

L12        267 L8 AND L9

=> s (l6 or l7) and l8

L13          2 (L6 OR L7) AND L8

=> s l13 and l9

L14          2 L13 AND L9

=> file stnguide

COST IN U.S. DOLLARS                          SINCE FILE      TOTAL
                                                   ENTRY    SESSION
FULL ESTIMATED COST                                2.60      84.11

FILE 'STNGUIDE' ENTERED AT 16:19:11 ON 13 NOV 2007
```

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=> file hcaplus
COST IN U.S. DOLLARS

	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.12	84.23

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=> s l10 and (PY<2003 or AY<2003 or PRY<2003)

```
      22908320 PY<2003
       4466789 AY<2003
       3945652 PRY<2003
L15         594 L10 AND (PY<2003 OR AY<2003 OR PRY<2003)
```

=> s l11 and (PY<2003 or AY<2003 or PRY<2003)

```
      22908320 PY<2003
       4466789 AY<2003
       3945652 PRY<2003
L16          49 L11 AND (PY<2003 OR AY<2003 OR PRY<2003)
```

=> s l12 and (PY<2003 or AY<2003 or PRY<2003)

```
      22908320 PY<2003
       4466789 AY<2003
       3945652 PRY<2003
L17          23 L12 AND (PY<2003 OR AY<2003 OR PRY<2003)
```

=> s l13 and (PY<2003 or AY<2003 or PRY<2003)

```
      22908320 PY<2003
       4466789 AY<2003
       3945652 PRY<2003
L18           0 L13 AND (PY<2003 OR AY<2003 OR PRY<2003)
```

=> s l14 and (PY<2003 or AY<2003 or PRY<2003)

```
      22908320 PY<2003
       4466789 AY<2003
       3945652 PRY<2003
L19           0 L14 AND (PY<2003 OR AY<2003 OR PRY<2003)

=> file stnguide

COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                         ENTRY    SESSION
FULL ESTIMATED COST                                       2.60      86.83

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=> d l16 1-49 ti
YOU HAVE REQUESTED DATA FROM FILE 'HCAPLUS' - CONTINUE? (Y)/N:y


L16  ANSWER 1 OF 49  HCAPLUS  COPYRIGHT 2007 ACS on STN
TI   Compositions comprising inhibitors of inosine-5'-monophosphate
     dehydrogenase (IMPDH) and an antitumor agent, and use in the treatment of
     cancer

L16  ANSWER 2 OF 49  HCAPLUS  COPYRIGHT 2007 ACS on STN
TI   Preparation of quinazolinone derivatives as inosine 5'-monophosphate
     dehydrogenase inhibitors with therapeutic uses

L16  ANSWER 3 OF 49  HCAPLUS  COPYRIGHT 2007 ACS on STN
TI   Preparation of quinazolinones as inosine 5'-monophosphate dehydrogenase (
     IMPDH) inhibitors.

L16  ANSWER 4 OF 49  HCAPLUS  COPYRIGHT 2007 ACS on STN
TI   Therapeutic inhibition of protein kinases and a cellular ATP synthetic
     pathway in cancer cells

L16  ANSWER 5 OF 49  HCAPLUS  COPYRIGHT 2007 ACS on STN
TI   Inosine monophosphate dehydrogenase inhibitors and prodrugs in the
     treatment of cancer and immune disease

L16  ANSWER 6 OF 49  HCAPLUS  COPYRIGHT 2007 ACS on STN
TI   Preparation of 2-substituted 5-oxazolyl indoles as IMPDH
     inhibitors, and pharmaceutical compositions comprising same

L16  ANSWER 7 OF 49  HCAPLUS  COPYRIGHT 2007 ACS on STN
TI   Preparation of sulfonamides as potent inhibitors of
     IMPDH

L16  ANSWER 8 OF 49  HCAPLUS  COPYRIGHT 2007 ACS on STN
TI   Preparation of quinazolinedione derivatives as inosine 5'-monophosphate
     dehydrogenase (IMPDH) inhibitors for use in
     pharmaceutical compositions

L16  ANSWER 9 OF 49  HCAPLUS  COPYRIGHT 2007 ACS on STN
TI   Preparation of phenylguanidine derivatives as inhibitors of inosine
     5'-monophosphate dehydrogenase

L16  ANSWER 10 OF 49  HCAPLUS  COPYRIGHT 2007 ACS on STN
TI   2-Aminoquinolone derivatives for use as IMPDH inhibitors
```

L16 ANSWER 11 OF 49 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Preparation of heterocyclic compounds as inhibitors of inosine-5'-monophosphate dehydrogenase (IMPDH)

L16 ANSWER 12 OF 49 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Preparation of substituted oxazoles as IMPDH inhibitors

L16 ANSWER 13 OF 49 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Toxicity and efficacy of benzamide riboside in cancer chemotherapy models

L16 ANSWER 14 OF 49 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Metabolism of the novel IMP dehydrogenase inhibitor benzamide riboside

L16 ANSWER 15 OF 49 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Potential mechanisms of benzamide riboside mediated cell death

L16 ANSWER 16 OF 49 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Modulation of cytotoxicity of benzamide riboside by expression of NMN adenylyltransferase

L16 ANSWER 17 OF 49 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Studies on the mechanism of action of benzamide riboside: a novel inhibitor of IMP dehydrogenase

L16 ANSWER 18 OF 49 HCAPLUS COPYRIGHT 2007 ACS on STN
TI The chemistry of nicotinamide adenine dinucleotide (NAD) analogues containing C-nucleosides related to nicotinamide riboside

L16 ANSWER 19 OF 49 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Mechanism of action of the antitumor agents 6-benzoyl-3,3-disubstituted-1,5-diazabicyclo[3.1.0]hexane-2,4-diones: potent inhibitors of human type II inosine 5'-monophosphate dehydrogenase

L16 ANSWER 20 OF 49 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Preparation of azolylphenyl oxamides as inosine monophosphate dehydrogenase (IMPDH) inhibitors

L16 ANSWER 21 OF 49 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Effects of N-substituted phthalimide, saccharin, succinimide, and indandione derivatives on the type I and II isoforms of human Tmolt4 T cell IMP dehydrogenase

L16 ANSWER 22 OF 49 HCAPLUS COPYRIGHT 2007 ACS on STN
TI In vitro effects of mycophenolic acid on the nucleotide pool and on the expression of adhesion molecules of human umbilical vein endothelial cells

L16 ANSWER 23 OF 49 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Induction of Tmolt4 leukemia cell death by 3,3-disubstituted-6,6-pentamethylene-1,5-diazabicyclo[3.1.0]hexane-2,4-diones: specificity for type II inosine 5'-monophosphate dehydrogenase

L16 ANSWER 24 OF 49 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Inhibitors of inosine monophosphate dehydrogenase as potential chemotherapeutic agents

L16 ANSWER 25 OF 49 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Implications of selective type II IMP dehydrogenase (IMPDH) inhibition by the 6-ethoxycarbonyl-3,3-disubstituted-1,5-diazabicyclo[3.1.0]hexane-2,4-diones on tumor cell death

L16 ANSWER 26 OF 49 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Cofactor analogs as IMPDH inhibitors: Design and new

synthetic approaches.

L16 ANSWER 27 OF 49 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Benzamide riboside, a recent inhibitor of IMP dehydrogenase.

L16 ANSWER 28 OF 49 HCAPLUS COPYRIGHT 2007 ACS on STN
TI IMPDH and GTP: Linkage with Neoplasia, Target of Chemotherapy, Down Regulation of ras and Signal Transduction.

L16 ANSWER 29 OF 49 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Differential sensitivity of ovarian carcinoma cell lines to apoptosis induced by the IMPDH inhibitor benzamide riboside

L16 ANSWER 30 OF 49 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Selective Inhibition of Human Molt-4 Leukemia Type II Inosine 5'-Monophosphate Dehydrogenase by the 1,5-Diazabicyclo[3.1.0]hexane-2,4-diones

L16 ANSWER 31 OF 49 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Molecular targets of guanine nucleotides in differentiation, proliferation and apoptosis

L16 ANSWER 32 OF 49 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Benzamide riboside induces apoptosis independent of Cdc25A expression in human ovarian carcinoma N.1 cells

L16 ANSWER 33 OF 49 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Mechanism-based design of inosine 5'-monophosphate dehydrogenase inhibitors: synthesis and biological activities of 5-ethynyl-1-β-D-ribofuranosylimidazole-4-carboxamide (EICAR) and its derivatives

L16 ANSWER 34 OF 49 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Nucleoside and non-nucleoside IMP dehydrogenase inhibitors as antitumor and antiviral agents

L16 ANSWER 35 OF 49 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Consequences of IMP dehydrogenase inhibition, and its relationship to cancer and apoptosis

L16 ANSWER 36 OF 49 HCAPLUS COPYRIGHT 2007 ACS on STN
TI IMP dehydrogenase: structural aspects of inhibitor binding

L16 ANSWER 37 OF 49 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Inhibitors of inosine monophosphate dehydrogenase as potential chemotherapeutic agents

L16 ANSWER 38 OF 49 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Preparation of heterocyclic compounds as inhibitors of inosine-5'-monophosphate dehydrogenase (IMPDH)

L16 ANSWER 39 OF 49 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Mycophenolate mofetil reduces production of interferon-dependent major histocompatibility complex induction during allograft rejection, probably by limiting clonal expansion

L16 ANSWER 40 OF 49 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Biochemical consequences of resistance to a recently discovered IMP dehydrogenase inhibitor, benzamide riboside, in human myelogenous leukemia K562 cells

L16 ANSWER 41 OF 49 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Pyrazole-related nucleosides. Design, synthesis and antiproliferative activity of methyl 4-iodo-1-β-D-ribofuranosyl-pyrazole-3-carboxylate (IPCAR), and derivatives, against human leukemias, lymphomas and solid

tumors cell lines in vitro

L16 ANSWER 42 OF 49 HCAPLUS COPYRIGHT 2007 ACS on STN
TI NAD-analogs as potential anticancer agents: Conformational restrictions as basis for selectivity

L16 ANSWER 43 OF 49 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Regulation and role of inosine-5'-monophosphate dehydrogenase in cell replication, malignant transformation, and differentiation

L16 ANSWER 44 OF 49 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Comparison of biochemical parameters of benzamide riboside, a new inhibitor of IMP dehydrogenase, with tiazofurin and selenazofurin

L16 ANSWER 45 OF 49 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Anti-tumor activity of mycophenolate mofetil against human and mouse tumors in vivo

L16 ANSWER 46 OF 49 HCAPLUS COPYRIGHT 2007 ACS on STN
TI The search for inosine 5'-phosphate dehydrogenase (IMPDH) inhibitors from marine sponges. Evaluation of the bastadin alkaloids

L16 ANSWER 47 OF 49 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Cytotoxicity and characterization of an active metabolite of benzamide riboside, a novel inhibitor of IMP dehydrogenase

L16 ANSWER 48 OF 49 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Cytotoxicity of a new IMP dehydrogenase inhibitor, benzamide riboside, to human myelogenous leukemia K562 cells

L16 ANSWER 49 OF 49 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Cell differentiation and altered IMP dehydrogenase expression induced in human T-lymphoblastoid leukemia cells by mycophenolic acid and tiazofurin

=> file hcaplus

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FULL ESTIMATED COST	0.30	106.45

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FILE COVERS 1907 - 13 Nov 2007 VOL 147 ISS 21
FILE LAST UPDATED: 12 Nov 2007 (20071112/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

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=> s induc?(3a)interferon

       2283363 INDUC?
         79949 INTERFERON
L20      17277 INDUC?(3A)INTERFERON

=> s l15 and l9

L21        594 L15 AND L9

=> s l15 and l8

L22          0 L15 AND L8

=> s l16 and (PY<2003 or AY<2003 or PRY<2003)

      22908320 PY<2003
       4466789 AY<2003
       3945652 PRY<2003
L23         49 L16 AND (PY<2003 OR AY<2003 OR PRY<2003)

=> s l17 and (PY<2003 or AY<2003 or PRY<2003)

      22908320 PY<2003
       4466789 AY<2003
       3945652 PRY<2003
L24         23 L17 AND (PY<2003 OR AY<2003 OR PRY<2003)

=> file stnguide

COST IN U.S. DOLLARS                            SINCE FILE      TOTAL
                                                     ENTRY    SESSION
FULL ESTIMATED COST                                   2.60     109.05

FILE 'STNGUIDE' ENTERED AT 16:23:43 ON 13 NOV 2007
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FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Nov  9, 2007 (20071109/UP).

=> file hcaplus
COST IN U.S. DOLLARS                            SINCE FILE      TOTAL
                                                     ENTRY    SESSION
FULL ESTIMATED COST                                   0.12     109.17

FILE 'HCAPLUS' ENTERED AT 16:24:53 ON 13 NOV 2007
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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FILE COVERS 1907 - 13 Nov 2007 VOL 147 ISS 21

FILE LAST UPDATED: 12 Nov 2007 (20071112/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l20 and l9

L25 4720 L20 AND L9

=> s l20 and l8

L26 59 L20 AND L8

=> s l25 and (PY<2003 or AY<2003 or PRY<2003)

22908320 PY<2003
4466789 AY<2003
3945652 PRY<2003
L27 2959 L25 AND (PY<2003 OR AY<2003 OR PRY<2003)

=> s l26 and (PY<2003 or AY<2003 or PRY<2003)

22908320 PY<2003
4466789 AY<2003
3945652 PRY<2003
L28 6 L26 AND (PY<2003 OR AY<2003 OR PRY<2003)

=> file stnguide

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	2.60	111.77

FILE 'STNGUIDE' ENTERED AT 16:25:03 ON 13 NOV 2007
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FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Nov 9, 2007 (20071109/UP).

=> d l28 1-6 ti
YOU HAVE REQUESTED DATA FROM FILE 'HCAPLUS' - CONTINUE? (Y)/N:y

L28 ANSWER 1 OF 6 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Vaccine vectors encoding TLR ligand or defensin domain, antigen domain, and antibody domain for modulating dendritic cell and treating cancer, allergy, autoimmune disease, infection and inflammation

L28 ANSWER 2 OF 6 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Orthopoxvirus A46R protein modulating IL1R/TLR superfamily signaling and uses in treating NFκB or MAP kinase related diseases

L28 ANSWER 3 OF 6 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Methods for stimulating Toll-like receptor TLR to activate IRF3 pathways for inducing anti-microbial, anti-inflammatory and anticancer responses

L28 ANSWER 4 OF 6 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Methods for treating cancer

L28 ANSWER 5 OF 6 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Adventitial Toll-like receptor ligands for interfering with the formation of neointima/scar and/or plaque in a blood vessel

L28 ANSWER 6 OF 6 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Toll-like receptor expression reveals CpG DNA as a unique microbial stimulus for plasmacytoid dendritic cells which synergizes with CD40 ligand to induce high amounts of IL-12

=> d l28 1-6 ti abs bib
YOU HAVE REQUESTED DATA FROM FILE 'HCAPLUS' - CONTINUE? (Y)/N:y

L28 ANSWER 1 OF 6 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Vaccine vectors encoding TLR ligand or defensin domain, antigen domain, and antibody domain for modulating dendritic cell and treating cancer, allergy, autoimmune disease, infection and inflammation
AB Methods are provided to reduce inflammation and to treat abnormal physiol. conditions or diseases by modulating a robust, type 1 adaptive immune response in vivo. The present invention also provides proteins and the nucleotides encoding them, compns., vectors (including vaccine vectors) and delivery vehicles, cells capable of expressing the proteins, and kits for practicing the invention. The proteins and nucleotides encode a chimeric protein having mol. weight of 100 kDa comprising (1) a TLR ligand domain containing a defensin domain, and (2) an antigen domain or an antibody domain. The antigen domain is from a self antigen, tumor antigen, microorganism antigen, etc. The chimeric proteins or vaccine vectors are useful as adjuvant for augmenting cellular or humoral immune response against cancer, allergy, asthma, autoimmune disease, infection and inflammation.
AN 2004:371070 HCAPLUS <<LOGINID::20071113>>
DN 140:390286
TI Vaccine vectors encoding TLR ligand or defensin domain, antigen domain, and antibody domain for modulating dendritic cell and treating cancer, allergy, autoimmune disease, infection and inflammation
IN Biragyn, Arya; Kwak, Larry W.
PA The United States of America, as Represented by the Secretary Department of Health and Human Services, USA
SO PCT Int. Appl., 98 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004038002	A2	20040506	WO 2003-US33940	20031024 <--
	WO 2004038002	A3	20050127		
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	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU 2003286692	A1	20040513	AU 2003-286692	20031024 <--
PRAI	US 2002-421488P	P	20021025	<--	
	WO 2003-US33940	W	20031024		

L28 ANSWER 2 OF 6 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Orthopoxvirus A46R protein modulating IL1R/TLR superfamily signaling and uses in treating NFκB or MAP kinase related diseases
AB An orthopoxvirus vector, such as vaccinia, is described in which the A46R protein from vaccinia, or a closely related protein from any orthopoxvirus is not expressed or is expressed but is non-functional. Also described is the use of a vaccinia virus A46R protein or a closely related protein from any orthopoxvirus, or a functional peptide, peptidometic, fragment or derivative thereof, or a DNA vector expressing any of the above in the modulation and/or inhibition of IL1R/TLR superfamily signaling. A46R inhibited multiple signals induced by the IL-1R/TLR superfamily, including TLR-induced NFκB activation. A46R associated with MyD88 and Mal and blocked signals induced by MyD88 and Mal overexpression. A46R blocked Myd88-independent pathway by associating with TRIF. TLR-4 induced ISRE (interferon-stimulated response element) or IRF3, which are also dependent on TRIF, were also potently inhibited by A46R. TLR ligand induced ISRE induction in murine macrophages by LPS, and other TLR agonists, was also sensitive to A46R inhibition.
AN 2004:311028 HCAPLUS <<LOGINID::20071113>>
DN 140:337941
TI Orthopoxvirus A46R protein modulating IL1R/TLR superfamily signaling and uses in treating NFκB or MAP kinase related diseases
IN O'Neill, Luke Anthony John; Bowie, Andrew Graham; Stack, Julianne; Smith, Geoffrey Lilley; Haga, Ismar Rocha
PA The Provost, Fellows and Scholars of the College of the Holy and Unidivided Trinity of Queen Elizabeth, Ire.
SO PCT Int. Appl., 63 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004031225	A1	20040415	WO 2003-IE131	20030929 <--
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
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	CA 2499871	A1	20040415	CA 2003-2499871	20030929 <--
	AU 2003273512	A1	20040423	AU 2003-273512	20030929 <--
	EP 1546192	A1	20050629	EP 2003-755669	20030929 <--
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
	NZ 539083	A	20070629	NZ 2003-539083	20030929 <--
	US 2005163805	A1	20050728	US 2005-90057	20050328 <--
PRAI	IE 2002-790	A	20021001 <--		
	WO 2003-IE131	W	20030929		

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L28 ANSWER 3 OF 6 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Methods for stimulating Toll-like receptor TLR to activate IRF3 pathways for inducing anti-microbial, anti-inflammatory and anticancer responses
AB The present invention provides methods for stimulating Toll-like receptors (TLR) to activate IRF (e.g., an IRF3) and signaling pathway, and thereby directing an antimicrobial activity. The present invention also provides methods for identifying agents that bind and/or stimulate TLR and mediate

induction of an IRF3 pathway, thereby directing an antimicrobial activity. Addnl., the invention provides methods and agents for suppressing stimulation of TLR, thereby directing an anti-inflammatory response. IRF3 and NF-KB are involved in TLR3/TLR4-mediated gene activation. NF-KB is required for activation of primary response genes. TLR3/TLR4 stimulation induces production of IFNβand activates antiviral responses. TLR3 is a more potent inducer of antiviral gene expression than TLR4. MyD88, but not TIRAP/mal, directly interacts with TLR3. The TIRAP/mal inhibitory peptide is able to block TLR4 but not TLR3 transactivation of IFN-β and IL-6, as well as IFN-β mediated activation of STAT1. Both TLR3 and TLR4 ligands can induce expression of TLR3 through IFN-β. TLR3 and TLR4 induce both IFN-β-enhanced and IFN-β-dependent antiviral genes. TLR3/4 activation leads to an IFN-dependent G1/S block in murine macrophage cells.

AN 2003:875068 HCAPLUS <<LOGINID::20071113>>
DN 139:358728
TI Methods for stimulating Toll-like receptor TLR to activate IRF3 pathways for inducing anti-microbial, anti-inflammatory and anticancer responses
IN Cheng, Genhong; Modlin, Robert L.; Vaidya, Sagar; Doyle, Sean
PA The Regents of the University of California, USA
SO PCT Int. Appl., 82 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003090685	A2	20031106	WO 2003-US12751	20030424 <--
	WO 2003090685	A3	20040325		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU 2003243161	A1	20031110	AU 2003-243161	20030424 <--
	US 2006057104	A1	20060316	US 2005-512124	20050826 <--
PRAI	US 2002-375489P	P	20020424	<--	
	WO 2003-US12751	W	20030424		

L28 ANSWER 4 OF 6 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Methods for treating cancer
AB Dendritic cells (DC) play a critical role in antigen-specific immune responses. The authors disclose materials and methods for treating disease states, including cancer, by activating dendritic cells from the host which are rendered hypo-responsive to activation stimuli by the disease. In particular, methods are provided for treating cancer in a mammal comprising administering to said mammal an effective amount of a tumor-derived DC inhibitory factor antagonist (e.g., anti-interleukin-10 receptor) in combination with an effective amount of a Toll-like receptor (TLR) agonist.
AN 2003:434399 HCAPLUS <<LOGINID::20071113>>
DN 139:21040
TI Methods for treating cancer
IN Vicari, Alain P.; Caux, Christophe
PA Schering Corporation, USA
SO PCT Int. Appl., 47 pp.
CODEN: PIXXD2
DT Patent
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003045431	A2	20030605	WO 2002-US38098	20021126 <--
	WO 2003045431	A3	20040122		
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	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	CA 2468320	A1	20030605	CA 2002-2468320	20021126 <--
	AU 2002359516	A1	20030610	AU 2002-359516	20021126 <--
	US 2003138413	A1	20030724	US 2002-304616	20021126 <--
	EP 1450858	A2	20040901	EP 2002-794058	20021126 <--
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
	CN 1617742	A	20050518	CN 2002-827598	20021126 <--
	JP 2006502080	T	20060119	JP 2003-546932	20021126 <--
	BR 2002014457	A	20061121	BR 2002-14457	20021126 <--
	MX 2004PA04998	A	20050408	MX 2004-PA4998	20040526 <--
	ZA 2004004113	A	20060329	ZA 2004-4113	20040526 <--
	NO 2004002697	A	20040625	NO 2004-2697	20040625 <--
	JP 2006131638	A	20060525	JP 2005-334633	20051118 <--
	AU 2006200116	A1	20060202	AU 2006-200116	20060112 <--
PRAI	US 2001-333434P	P	20011127 <--		
	AU 2002-359516	A3	20021126 <--		
	JP 2003-546932	A3	20021126 <--		
	WO 2002-US38098	W	20021126 <--		

L28 ANSWER 5 OF 6 HCAPLUS COPYRIGHT 2007 ACS on STN

TI Adventitial Toll-like receptor ligands for interfering with the formation of neointima/scar and/or plaque in a blood vessel

AB The invention provides a method for interfering with the formation of neointima/scar and/or plaque in a blood vessel comprising providing a ligand capable of modulating Toll-like receptor activity of adventitial cells.

AN 2003:297610 HCAPLUS <<LOGINID::20071113>>

DN 138:297655

TI Adventitial Toll-like receptor ligands for interfering with the formation of neointima/scar and/or plaque in a blood vessel

IN De Kleijn, Dominicus Paschalis Victor; Pasterkamp, Gerard

PA Universitair Medisch Centrum Utrecht, Neth.; Universiteit Utrecht

SO Eur. Pat. Appl., 23 pp.
CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1302206	A1	20030416	EP 2001-203846	20011011 <--
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	WO 2003030885	A2	20030417	WO 2002-NL644	20021010 <--
	WO 2003030885	A3	20031218		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				

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        RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
            KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,
            FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF,
            CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
    AU 2002329117        A1    20030422    AU 2002-329117         20021010 <--
PRAI EP 2001-203846      A     20011011  <--
    WO 2002-NL644        W     20021010  <--
RE.CNT  5     THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
              ALL CITATIONS AVAILABLE IN THE RE FORMAT

L28  ANSWER 6 OF 6  HCAPLUS  COPYRIGHT 2007 ACS on STN
TI   Toll-like receptor expression reveals CpG DNA as a unique microbial
     stimulus for plasmacytoid dendritic cells which synergizes with CD40
     ligand to induce high amounts of IL-12
AB   Human plasmacytoid dendritic cells (DC) (PDC, CD123+) and myetoid DC (MDC,
     CD11c+) may be able to discriminate between distinct classes of microbial
     mols. based on a different pattern of Toll-like receptor (TLR) expression.
     TLR1-TLR9 were examined in purified PDC and MDC.  TLR9, which is critically
     involved in the recognition of CpG motifs in mice, was present in PDC but
     not in MDC.  TLR4, which is required for the response to LPS, was
     selectively expressed on MDC.  Consistent with TLR expression, PDC were
     susceptible to stimulation by CpG oligodeoxynucleotide (ODN) but not by
     LPS, while MDC responded to LPS but not to CpG ODN.  In PDC, CpG ODN
     supported survival, activation (CD80, CD86, CD40, MHC class II), chemokine
     production (IL-8, IP-10) and maturation (CD83).  CD40 ligand (CD40L) and CpG
     ODN synergized to activate PDC and to stimulate the production of IFN-α
     and IL-12 including bioactive IL-12 p70.  Previous incubation of PDC with
     IL-3 decreased the amount of CpG-induced IFN-α and shifted the
     cytokine response in favor of IL-12.  CpG ODN-activated PDC showed an
     increased ability to stimulate proliferation of naive allogeneic CD4 T
     cells, but Th1 polarization of developing T cells required simultaneous
     activation of PDC by CD40 ligation and CpG ODN.  CpG ODN-stimulated PDC
     expressed CCR7, which mediates homing to lymph nodes.  In conclusion, the
     authors' studies reveal that IL-12 p70 production by PDC is under strict
     control of two signals, an adequate exogenous microbial stimulus such as
     CpG ODN, and CD40L provided endogenously by activated T cells.  Thus, CpG
     ODN acts as an enhancer of T cell help, while T cell-controlled
     restriction to foreign antigens is maintained.
AN   2001:790371  HCAPLUS <<LOGINID::20071113>>
DN   136:68368
TI   Toll-like receptor expression reveals CpG DNA as a unique microbial
     stimulus for plasmacytoid dendritic cells which synergizes with CD40
     ligand to induce high amounts of IL-12
AU   Krug, Anne; Towarowski, Andreas; Britsch, Stefanie; Rothenfusser, Simon;
     Hornung, Veit; Bals, Robert; Giese, Thomas; Engelmann, Hartmut; Endres,
     Stefan; Krieg, Arthur M.; Hartmann, Gunther
CS   Department of Internal Medicine and Division of Clinical Pharmacology,
     University of Munich, Munich, Germany
SO   European Journal of Immunology (2001), 31(10), 3026-3037
     CODEN: EJIMAF; ISSN: 0014-2980
PB   Wiley-VCH Verlag GmbH
DT   Journal
LA   English
RE.CNT  48    THERE ARE 48 CITED REFERENCES AVAILABLE FOR THIS RECORD
              ALL CITATIONS AVAILABLE IN THE RE FORMAT


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     FILE 'REGISTRY' ENTERED AT 16:13:23 ON 13 NOV 2007
               EXP MIZORIBINE/CN
L1             1 S E3
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L2             0 S MYCOPHENOL/CN
                 EXP MYCOPHENOL/CN
                 EXP MYCOPHENOLATE SODIUM/CN
L3            11 S E1-E12
                 EXP MYCOPHENOLIC ACID METHYL ESTER/CN
                 EXP TIAZOFURIN/CN
L4             1 S E3
L5             1 S RIBAVIRIN/CN

     FILE 'STNGUIDE' ENTERED AT 16:15:43 ON 13 NOV 2007

     FILE 'HCAPLUS' ENTERED AT 16:18:59 ON 13 NOV 2007
L6          7877 S L1 OR L3-L5
L7           263 S (IMPDH OR (INOSINE MONOPHOSPHAE DEHYDROGENASE))(2A)INHIBIT?
L8           607 S (INDUC(3A)INTERFERON) OR (CPG NUCLEOTIDE) OR ((TLR OR (TOLL-L
L9        790563 S CANCER OR TUMOR OR NEOPLAS?
L10         1002 S L6 AND L9
L11           70 S L7 AND L9
L12          267 S L8 AND L9
L13            2 S (L6 OR L7) AND L8
L14            2 S L13 AND L9

     FILE 'STNGUIDE' ENTERED AT 16:19:11 ON 13 NOV 2007

     FILE 'HCAPLUS' ENTERED AT 16:20:15 ON 13 NOV 2007
L15          594 S L10 AND (PY<2003 OR AY<2003 OR PRY<2003)
L16           49 S L11 AND (PY<2003 OR AY<2003 OR PRY<2003)
L17           23 S L12 AND (PY<2003 OR AY<2003 OR PRY<2003)
L18            0 S L13 AND (PY<2003 OR AY<2003 OR PRY<2003)
L19            0 S L14 AND (PY<2003 OR AY<2003 OR PRY<2003)

     FILE 'STNGUIDE' ENTERED AT 16:20:33 ON 13 NOV 2007

     FILE 'HCAPLUS' ENTERED AT 16:20:46 ON 13 NOV 2007

     FILE 'STNGUIDE' ENTERED AT 16:20:47 ON 13 NOV 2007

     FILE 'HCAPLUS' ENTERED AT 16:23:33 ON 13 NOV 2007
L20        17277 S INDUC?(3A)INTERFERON
L21          594 S L15 AND L9
L22            0 S L15 AND L8
L23           49 S L16 AND (PY<2003 OR AY<2003 OR PRY<2003)
L24           23 S L17 AND (PY<2003 OR AY<2003 OR PRY<2003)

     FILE 'STNGUIDE' ENTERED AT 16:23:43 ON 13 NOV 2007

     FILE 'HCAPLUS' ENTERED AT 16:24:53 ON 13 NOV 2007
L25          4720 S L20 AND L9
L26            59 S L20 AND L8
L27          2959 S L25 AND (PY<2003 OR AY<2003 OR PRY<2003)
L28             6 S L26 AND (PY<2003 OR AY<2003 OR PRY<2003)

     FILE 'STNGUIDE' ENTERED AT 16:25:03 ON 13 NOV 2007

     FILE 'HCAPLUS' ENTERED AT 16:25:15 ON 13 NOV 2007

     FILE 'STNGUIDE' ENTERED AT 16:25:15 ON 13 NOV 2007

     FILE 'HCAPLUS' ENTERED AT 16:25:52 ON 13 NOV 2007

     FILE 'STNGUIDE' ENTERED AT 16:25:52 ON 13 NOV 2007

=> log hold
COST IN U.S. DOLLARS                          SINCE FILE      TOTAL
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                                                        ENTRY     SESSION
FULL ESTIMATED COST                                      0.06      136.17

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
                                                         ENTRY    SESSION
CA SUBSCRIBER PRICE                                      0.00       -4.68

 SESSION WILL BE HELD FOR 120 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 16:26:07 ON 13 NOV 2007

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LOGINID:SSPTAEXO1623

PASSWORD:
 * * * * * * RECONNECTED TO STN INTERNATIONAL * * * * * *
SESSION RESUMED IN FILE 'STNGUIDE' AT 16:28:11 ON 13 NOV 2007
FILE 'STNGUIDE' ENTERED AT 16:28:11 ON 13 NOV 2007
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COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                         ENTRY    SESSION
FULL ESTIMATED COST                                      0.06      136.17

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
                                                         ENTRY    SESSION
CA SUBSCRIBER PRICE                                      0.00       -4.68

=> file hcaplus
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                         ENTRY    SESSION
FULL ESTIMATED COST                                      0.12      136.23

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
                                                         ENTRY    SESSION
CA SUBSCRIBER PRICE                                      0.00       -4.68

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FILE COVERS 1907 - 13 Nov 2007  VOL 147 ISS 21
FILE LAST UPDATED: 12 Nov 2007  (20071112/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

 This file contains CAS Registry Numbers for easy and accurate
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substance identification.

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=> s l20 and l7

L29           2 L20 AND L7

=> s l29 and (PY<2003 or AY<2003 or PRY<2003)

      22908320 PY<2003
       4466789 AY<2003
       3945652 PRY<2003
L30           0 L29 AND (PY<2003 OR AY<2003 OR PRY<2003)

=> file stnguide

COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                     2.60     138.83

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
                                                       ENTRY    SESSION
CA SUBSCRIBER PRICE                                     0.00      -4.68

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FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Nov  9, 2007 (20071109/UP).

=> d l29 1-2 ti abs bib
YOU HAVE REQUESTED DATA FROM FILE 'HCAPLUS' - CONTINUE? (Y)/N:y


L29  ANSWER 1 OF 2  HCAPLUS  COPYRIGHT 2007 ACS on STN
TI   Genes showing altered expression in response to inhibition of
     inosine-5'-monophosphate dehydrogenase and their use in monitoring
     response to drugs
AB   Genes that show altered levels of expression in response to inhibitors of
     inosine-5'-monophosphate dehydrogenase (IMPDH) are identified.  These
     genes may be useful as markers in the study of the response of an
     individual to treatment, e.g. of infection or cancer, by IMPDH inhibitors
     such as mycophenolic acid or VX-944.
AN   2005:1314010  HCAPLUS <<LOGINID::20071113>>
DN   144:64332
TI   Genes showing altered expression in response to inhibition of
     inosine-5'-monophosphate dehydrogenase and their use in monitoring
     response to drugs
IN   Jain-Pandey, Jugnu; Harding, Matthew W.; Ramachandran, Ravi; Botfield,
     Martyn; Kelliher, Kevin; Shames, Benjamin
PA   Vertex Pharmaceuticals Incorporated, USA
SO   PCT Int. Appl., 543 pp.
     CODEN: PIXXD2
DT   Patent
LA   English
FAN.CNT 1
     PATENT NO.          KIND   DATE        APPLICATION NO.         DATE
     ---------------     ----   --------    --------------------    --------
PI   WO 2005117943        A2    20051215    WO 2005-US18551         20050527
     WO 2005117943        A3    20061019
         W:  AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
             CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
             GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ,
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LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

AU	2005249446	A1	20051215	AU 2005-249446	20050527
CA	2568405	A1	20051215	CA 2005-2568405	20050527
EP	1766091	A2	20070328	EP 2005-804844	20050527
	R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, LV, MK, YU				
CN	101023185	A	20070822	CN 2005-80025460	20050527
IN	2006DN07940	A	20070427	IN 2006-DN7940	20061227
PRAI	US 2004-575076P	P	20040527		
	WO 2005-US18551	W	20050527		

L29 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2007 ACS on STN

TI Combined use of inosine monophosphate dehydrogenase (IMPDH) inhibitors with toll-like receptor agonists for immune system activation and treatment of diseases

AB The present invention provides a broad-spectrum, long-lasting, and non-toxic combination of synthetic immunostimulatory agents, which are useful for activating the immune system of a mammal and treating diseases such as cancer and autoimmune disease. These agents include TLR-ligands and ligand analogs which induce interferon production, in combination with inhibitors of inosine monophosphate dehydrogenase (IMPDH), that further enhance the induction of interferon production In mice that were injected with 250 μg of 7-thia-8-oxoguanosine (TLR-7 ligand), addition of mizoribine (IMPDH inhibitor) increased levels of Type I interferon in blood more than 4-fold.

AN 2005:15938 HCAPLUS <<LOGINID::20071113>>
DN 142:107390

TI Combined use of inosine monophosphate dehydrogenase (IMPDH) inhibitors with toll-like receptor agonists for immune system activation and treatment of diseases

IN Carson, Dennis A.; Cottam, Howard B.; Lee, Jongdae
PA Regents of the University of California, USA

SO U.S. Pat. Appl. Publ., 59 pp.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2005004144	A1	20050106	US 2004-824833	20040414
	WO 2005016235	A2	20050224	WO 2004-US11566	20040414
	WO 2005016235	A3	20060316		
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRAI	US 2003-463152P	P	20030414		

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OS   MARPAT 142:107390

=> log ohld
'OHLD' IS NOT VALID HERE
For an explanation, enter "HELP LOGOFF".

=> log hold
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                     0.06     147.21

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
                                                       ENTRY    SESSION
CA SUBSCRIBER PRICE                                     0.00      -6.24

 SESSION WILL BE HELD FOR 120 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 16:29:01 ON 13 NOV 2007

Connecting via Winsock to STN



Welcome to STN International!  Enter x:x

LOGINID:SSPTAEXO1623

PASSWORD:
 * * * * * * RECONNECTED TO STN INTERNATIONAL * * * * * *
SESSION RESUMED IN FILE 'STNGUIDE' AT 16:59:08 ON 13 NOV 2007
FILE 'STNGUIDE' ENTERED AT 16:59:08 ON 13 NOV 2007
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COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                     0.06     147.21

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
                                                       ENTRY    SESSION
CA SUBSCRIBER PRICE                                     0.00      -6.24

=> file hcaplus
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                     0.12     147.27

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
                                                       ENTRY    SESSION
CA SUBSCRIBER PRICE                                     0.00      -6.24

FILE 'HCAPLUS' ENTERED AT 17:00:10 ON 13 NOV 2007
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FILE COVERS 1907 - 13 Nov 2007 VOL 147 ISS 21
FILE LAST UPDATED: 12 Nov 2007 (20071112/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s ((inosine monophosphate dehydrogenase)or(IMPDH)) and interferon and (cancer or tumor or neoplas?)

```
         11564 INOSINE
         32358 MONOPHOSPHATE
        171702 DEHYDROGENASE
           629 INOSINE MONOPHOSPHATE DEHYDROGENASE
                 (INOSINE(W)MONOPHOSPHATE(W)DEHYDROGENASE)
           470 IMPDH
         79949 INTERFERON
        336770 CANCER
        428563 TUMOR
        517459 NEOPLAS?
L31          21 ((INOSINE MONOPHOSPHATE DEHYDROGENASE)OR(IMPDH)) AND INTERFERON
                AND (CANCER OR TUMOR OR NEOPLAS?)
```

=> sile stnguide

SILE IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> d l31 1-21 ti

L31 ANSWER 1 OF 21 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Mycophenolic acid inhibits hepatitis C virus replication and acts in synergy with cyclosporin A and interferon-α

L31 ANSWER 2 OF 21 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Gene expression profiling in peripheral blood mononuclear cells in the diagnosis and therapy of vascular disease

L31 ANSWER 3 OF 21 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Gene expression profiles in multiple brain structures in the diagnosis and therapy of neuropsychiatric disorders

L31 ANSWER 4 OF 21 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Immunosuppression using the mTOR inhibition mechanism affects replacement of rat liver with transplanted cells

L31 ANSWER 5 OF 21 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Methods using agents that increase the level of a Type I interferon and/or activate a Type I interferon signaling pathway for treating gastrointestinal inflammation

L31 ANSWER 6 OF 21 HCAPLUS COPYRIGHT 2007 ACS on STN
TI New therapies and emerging strategies to combat infection with the hepatitis C virus

L31 ANSWER 7 OF 21 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Gene expression profiles in peripheral blood mononuclear cells in determination of the nature and severity of stroke

L31 ANSWER 8 OF 21 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Diagnosis of pulmonary arterial hypertension and monitoring of therapy using gene expression analysis of peripheral blood cells

L31 ANSWER 9 OF 21 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Genes showing altered levels of expression in drug-resistant leukemia and their use in diagnosis and selection of drug target for therapy

L31 ANSWER 10 OF 21 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Genes showing altered expression in response to inhibition of inosine-5'-monophosphate dehydrogenase and their use in monitoring response to drugs

L31 ANSWER 11 OF 21 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Differential expression of molecules associated with acute stroke

L31 ANSWER 12 OF 21 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Antimetabolite antiviral dosing regimen for hepatitis C virus or flaviviridae therapy

L31 ANSWER 13 OF 21 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Combined use of inosine monophosphate dehydrogenase (IMPDH) inhibitors with toll-like receptor agonists for immune system activation and treatment of diseases

L31 ANSWER 14 OF 21 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Viramidine hydrochloride

L31 ANSWER 15 OF 21 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Method for treating diseases with omega interferon

L31 ANSWER 16 OF 21 HCAPLUS COPYRIGHT 2007 ACS on STN
TI The mosaic of immunosuppressive drugs

L31 ANSWER 17 OF 21 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Protein-protein interaction domains of adipocyte proteins and method for screening for association-inhibiting drugs

L31 ANSWER 18 OF 21 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Identification of an IMPDH1 mutation in autosomal dominant retinitis pigmentosa (RP10) revealed following comparative microarray analysis of transcripts derived from retinas of wild-type and Rho-/- mice

L31 ANSWER 19 OF 21 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Detection of variations in the DNA methylation profile of genes in the determining the risk of disease

L31 ANSWER 20 OF 21 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Apoptosis of superantigen-activated T cells induced by mycophenolate mofetil treatment

L31 ANSWER 21 OF 21 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Mycophenolate mofetil reduces production of interferon-dependent major histocompatibility complex induction during allograft rejection, probably by limiting clonal expansion

=> file stnguide

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	9.74	157.01

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL

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                                                        ENTRY    SESSION
CA SUBSCRIBER PRICE                                      0.00      -6.24

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=> d l31 file hcaplus
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AY<2004 or PRY<2004)

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=> file hcaplus

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                                                         ENTRY    SESSION
FULL ESTIMATED COST                                       0.12     157.13

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                                                         ENTRY    SESSION
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FILE LAST UPDATED: 12 Nov 2007  (20071112/ED)

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 This file contains CAS Registry Numbers for easy and accurate
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=> s l31 and (PY<2004 or AY<2004 or PRY<2004)

      23955873 PY<2004
       4750146 AY<2004
       4232403 PRY<2004
L32           9 L31 AND (PY<2004 OR AY<2004 OR PRY<2004)

=> file stnguide

COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
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FULL ESTIMATED COST 2.60 159.73

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) SINCE FILE ENTRY TOTAL SESSION

CA SUBSCRIBER PRICE 0.00 -6.24

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=> d l31 1-9 ti
YOU HAVE REQUESTED DATA FROM FILE 'HCAPLUS' - CONTINUE? (Y)/N:y

L31 ANSWER 1 OF 21 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Mycophenolic acid inhibits hepatitis C virus replication and acts in synergy with cyclosporin A and interferon-α

L31 ANSWER 2 OF 21 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Gene expression profiling in peripheral blood mononuclear cells in the diagnosis and therapy of vascular disease

L31 ANSWER 3 OF 21 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Gene expression profiles in multiple brain structures in the diagnosis and therapy of neuropsychiatric disorders

L31 ANSWER 4 OF 21 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Immunosuppression using the mTOR inhibition mechanism affects replacement of rat liver with transplanted cells

L31 ANSWER 5 OF 21 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Methods using agents that increase the level of a Type I interferon and/or activate a Type I interferon signaling pathway for treating gastrointestinal inflammation

L31 ANSWER 6 OF 21 HCAPLUS COPYRIGHT 2007 ACS on STN
TI New therapies and emerging strategies to combat infection with the hepatitis C virus

L31 ANSWER 7 OF 21 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Gene expression profiles in peripheral blood mononuclear cells in determination of the nature and severity of stroke

L31 ANSWER 8 OF 21 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Diagnosis of pulmonary arterial hypertension and monitoring of therapy using gene expression analysis of peripheral blood cells

L31 ANSWER 9 OF 21 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Genes showing altered levels of expression in drug-resistant leukemia and their use in diagnosis and selection of drug target for therapy

=> d l31 1 2 5 6 7 ti abs bib
YOU HAVE REQUESTED DATA FROM FILE 'HCAPLUS' - CONTINUE? (Y)/N:y

L31 ANSWER 1 OF 21 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Mycophenolic acid inhibits hepatitis C virus replication and acts in synergy with cyclosporin A and interferon-α

AB Background & Aims: Chronic hepatitis C virus (HCV) infection is the leading indication for liver transplantation. Clin. evidence suggests that particular immunosuppressive agents can have an influence on HCV recurrence. Cyclosporine A (CsA) specifically inhibits HCV replication through blocking the viral RNA polymerase enzyme NS5B. In this study, we investigated the effect of mycophenolic acid (MPA) and other immunosuppressants on HCV replication. Methods: MPA and other compds. were tested in vitro using an HCV-replication model containing a luciferase reporter gene. Results: At clin. relevant concns. (1.0-6.0 μg/mL), MPA inhibited HCV replication to approx. 75%. CsA and interferon (IFN)-α also showed inhibition in a dose-dependent manner. In these short-term (18 h) expts., MPA did not inhibit cell proliferation or induce cell death, which could have accounted for the antiviral effect. In contrast to the antiviral activity of MPA against West Nile virus, the effect of MPA on HCV replication was guanosine independent. When combined, MPA and CsA showed significant synergistic inhibition of replication, reaching maximum inhibition of .apprx.90% at the highest doses. Synergistic effects were observed with suboptimal concns. of IFN-α with MPA or CsA. The kinetics of HCV inhibition by MPA, CsA, and IFN-α were clearly distinct, with earliest effects seen with IFN-α. No specific inhibitory effects were observed with tacrolimus or rapamycin. Conclusions: The immunosuppressive drug MPA is as potent as CsA as an inhibitor of HCV replication. MPA was shown to have a distinct anti-HCV mechanism of action, independent of cell proliferation and guanosine depletion.
AN 2006:1324492 HCAPLUS <<LOGINID::20071113>>
DN 146:198108
TI Mycophenolic acid inhibits hepatitis C virus replication and acts in synergy with cyclosporin A and interferon-α
AU Henry, Scot D.; Metselaar, Herold J.; Lonsdale, Richard C. B.; Kok, Alice; Haagmans, Bart L.; Tilanus, Hugo W.; Van Der Laan, Luc J. W.
CS Department of Surgery, Erasmus MC-University Medical Center, Rotterdam, Neth.
SO Gastroenterology (2006), 131(5), 1452-1462
CODEN: GASTAB; ISSN: 0016-5085
PB Elsevier Inc.
DT Journal
LA English
RE.CNT 53 THERE ARE 53 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L31 ANSWER 2 OF 21 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Gene expression profiling in peripheral blood mononuclear cells in the diagnosis and therapy of vascular disease
AB Methods of using peripheral blood mononuclear cells to evaluate vascular disease, such as predicting a subject's risk of vascular disease, determining a treatment regimen for a subject who has such as risk, or combinations thereof. These methods involve anal. of gene expression profiles in monocytes to identify changes associated with vascular disease. Methods of using gene expression profile data in screening for drugs for use in the treatment of vascular disease and in the monitoring of the effectiveness of therapy.
AN 2006:1312594 HCAPLUS <<LOGINID::20071113>>
DN 146:60481
TI Gene expression profiling in peripheral blood mononuclear cells in the diagnosis and therapy of vascular disease
IN Baird, Alison E.; Moore, David F.; Goldin, Ehud
PA The Government of the United States of America as Represented by the Secretary of the Department of Health and Human Services, USA
SO PCT Int. Appl., 132pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2006132983	A2	20061214	WO 2006-US21491	20060602
	WO 2006132983	A3	20070301		

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RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

PRAI	US 2005-687515P	P	20050603		
	US 2005-691730P	P	20050617		

L31 ANSWER 5 OF 21 HCAPLUS COPYRIGHT 2007 ACS on STN

TI Methods using agents that increase the level of a Type I interferon and/or activate a Type I interferon signaling pathway for treating gastrointestinal inflammation

AB The invention provides methods for treating gastrointestinal inflammation, methods for treating inflammatory bowel disease, methods for treating Crohn's Disease, and methods for treating ulcerative colitis in an individual. The methods generally involve administering an effective amount of an agent that increases the level of a Type I interferon and/or that activates a Type I interferon signaling pathway in the individual.

AN 2006:884433 HCAPLUS <<LOGINID::20071113>>

DN 145:285155

TI Methods using agents that increase the level of a Type I interferon and/or activate a Type I interferon signaling pathway for treating gastrointestinal inflammation

IN Rachmilewitz, Daniel; Raz, Eyal; Katakura, Kyoko; Lee, Jongdae

PA The Regents of the University of California, USA

SO PCT Int. Appl., 88pp.
CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2006091591	A1	20060831	WO 2006-US6095	20060221

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

	AU 2006216822	A1	20060831	AU 2006-216822	20060221
	CA 2598831	A1	20060831	CA 2006-2598831	20060221
	US 2007004654	A1	20070104	US 2006-359945	20060221
PRAI	US 2005-655455P	P	20050222		
	WO 2006-US6095	W	20060221		

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L31 ANSWER 6 OF 21 HCAPLUS COPYRIGHT 2007 ACS on STN
TI New therapies and emerging strategies to combat infection with the hepatitis C virus
AB A review. Therapy for chronic hepatitis C has advanced rapidly over the last 15 years. Current therapies are able to suppress viral replication, control disease progression, or achieve sustained virus elimination in a proportion of those infected. There are also significant challenges to the clin. management of this infection, which are imposed mainly by the virus capacity to develop resistance to the current antiviral drugs, suboptimal efficacy of these drugs, and the rigors of the treatment regimen. This triggers the need for refined treatment regimens and the search for newer therapeutic agents. The most effective current therapies for the treatment of hepatitis C virus infection are discussed. An update of new drug candidates, particularly those in the latest stages of development, is provided.
AN 2006:228700 HCAPLUS <<LOGINID::20071113>>
DN 145:201610
TI New therapies and emerging strategies to combat infection with the hepatitis C virus
AU Bean, Pamela
CS Rogers Memorial Hospital, Madison, WI, USA
SO American Biotechnology Laboratory (2006), 24(2), 4-6
CODEN: ABLAEY; ISSN: 0749-3223
PB International Scientific Communications, Inc.
DT Journal; General Review
LA English

L31 ANSWER 7 OF 21 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Gene expression profiles in peripheral blood mononuclear cells in determination of the nature and severity of stroke
AB A method for rapid and accurate diagnosis of the nature and severity of a stroke by measuring gene expression in peripheral blood mononuclear cells is described. Early diagnosis can be used to predict and prevent possible complications. The genes showing altered levels of expression include those associated with white blood cell activation and differentiation; in response to hypoxia, in vascular repair, and those related to a specific peripheral blood mononuclear cell (PBMC) response to the altered cerebral microenvironment. Also provided are methods of identifying one or more agents that alter the activity (such as the expression) of an ischemic stroke-related mol.
AN 2006:191859 HCAPLUS <<LOGINID::20071113>>
DN 144:252185
TI Gene expression profiles in peripheral blood mononuclear cells in determination of the nature and severity of stroke
IN Baird, Alison E.; Moore, David F.; Goldin, Ehud
PA The Gov. Of the U.S.A as Represented by the Secretary of the Dept. Of Health & Human Services, USA
SO U.S. Pat. Appl. Publ., 67 pp., Cont.-in-part of Appl. No. PCT/US05/018744.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2006046259	A1	20060302	US 2005-155835	20050617
	WO 2005116268	A2	20051208	WO 2005-US18744	20050527
	WO 2005116268	A3	20061214		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU,

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            RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,
            MR, NE, SN, TD, TG
PRAI US 2004-575279P      P     20040527
    WO 2005-US18744       A2    20050527


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    FILE 'REGISTRY' ENTERED AT 16:13:23 ON 13 NOV 2007
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L1            1 S E3
L2            0 S MYCOPHENOL/CN
                EXP MYCOPHENOL/CN
                EXP MYCOPHENOLATE SODIUM/CN
L3           11 S E1-E12
                EXP MYCOPHENOLIC ACID METHYL ESTER/CN
                EXP TIAZOFURIN/CN
L4            1 S E3
L5            1 S RIBAVIRIN/CN

    FILE 'STNGUIDE' ENTERED AT 16:15:43 ON 13 NOV 2007

    FILE 'HCAPLUS' ENTERED AT 16:18:59 ON 13 NOV 2007
L6         7877 S L1 OR L3-L5
L7          263 S (IMPDH OR (INOSINE MONOPHOSPHAE DEHYDROGENASE))(2A)INHIBIT?
L8          607 S (INDUC(3A)INTERFERON) OR (CPG NUCLEOTIDE) OR ((TLR OR (TOLL-L
L9       790563 S CANCER OR TUMOR OR NEOPLAS?
L10        1002 S L6 AND L9
L11          70 S L7 AND L9
L12         267 S L8 AND L9
L13           2 S (L6 OR L7) AND L8
L14           2 S L13 AND L9

    FILE 'STNGUIDE' ENTERED AT 16:19:11 ON 13 NOV 2007

    FILE 'HCAPLUS' ENTERED AT 16:20:15 ON 13 NOV 2007
L15         594 S L10 AND (PY<2003 OR AY<2003 OR PRY<2003)
L16          49 S L11 AND (PY<2003 OR AY<2003 OR PRY<2003)
L17          23 S L12 AND (PY<2003 OR AY<2003 OR PRY<2003)
L18           0 S L13 AND (PY<2003 OR AY<2003 OR PRY<2003)
L19           0 S L14 AND (PY<2003 OR AY<2003 OR PRY<2003)

    FILE 'STNGUIDE' ENTERED AT 16:20:33 ON 13 NOV 2007

    FILE 'HCAPLUS' ENTERED AT 16:20:46 ON 13 NOV 2007

    FILE 'STNGUIDE' ENTERED AT 16:20:47 ON 13 NOV 2007

    FILE 'HCAPLUS' ENTERED AT 16:23:33 ON 13 NOV 2007
L20        17277 S INDUC?(3A)INTERFERON
L21          594 S L15 AND L9
L22            0 S L15 AND L8
L23           49 S L16 AND (PY<2003 OR AY<2003 OR PRY<2003)
L24           23 S L17 AND (PY<2003 OR AY<2003 OR PRY<2003)

    FILE 'STNGUIDE' ENTERED AT 16:23:43 ON 13 NOV 2007

    FILE 'HCAPLUS' ENTERED AT 16:24:53 ON 13 NOV 2007
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L25         4720 S L20 AND L9
L26           59 S L20 AND L8
L27         2959 S L25 AND (PY<2003 OR AY<2003 OR PRY<2003)
L28            6 S L26 AND (PY<2003 OR AY<2003 OR PRY<2003)

     FILE 'STNGUIDE' ENTERED AT 16:25:03 ON 13 NOV 2007

     FILE 'HCAPLUS' ENTERED AT 16:25:15 ON 13 NOV 2007

     FILE 'STNGUIDE' ENTERED AT 16:25:15 ON 13 NOV 2007

     FILE 'HCAPLUS' ENTERED AT 16:25:52 ON 13 NOV 2007

     FILE 'STNGUIDE' ENTERED AT 16:25:52 ON 13 NOV 2007

     FILE 'HCAPLUS' ENTERED AT 16:28:38 ON 13 NOV 2007
L29            2 S L20 AND L7
L30            0 S L29 AND (PY<2003 OR AY<2003 OR PRY<2003)

     FILE 'STNGUIDE' ENTERED AT 16:28:42 ON 13 NOV 2007

     FILE 'HCAPLUS' ENTERED AT 16:28:53 ON 13 NOV 2007

     FILE 'STNGUIDE' ENTERED AT 16:28:53 ON 13 NOV 2007

     FILE 'HCAPLUS' ENTERED AT 17:00:10 ON 13 NOV 2007
L31           21 S ((INOSINE MONOPHOSPHATE DEHYDROGENASE)OR(IMPDH)) AND INTERFER

     FILE 'STNGUIDE' ENTERED AT 17:00:26 ON 13 NOV 2007

     FILE 'HCAPLUS' ENTERED AT 17:01:36 ON 13 NOV 2007
L32            9 S L31 AND (PY<2004 OR AY<2004 OR PRY<2004)

     FILE 'STNGUIDE' ENTERED AT 17:01:40 ON 13 NOV 2007

     FILE 'HCAPLUS' ENTERED AT 17:01:45 ON 13 NOV 2007

     FILE 'STNGUIDE' ENTERED AT 17:01:46 ON 13 NOV 2007

     FILE 'HCAPLUS' ENTERED AT 17:02:35 ON 13 NOV 2007

     FILE 'STNGUIDE' ENTERED AT 17:02:36 ON 13 NOV 2007

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                                                      ENTRY    SESSION
FULL ESTIMATED COST                                    0.06     182.32

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
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CA SUBSCRIBER PRICE                                    0.00     -10.14

 SESSION WILL BE HELD FOR 120 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 17:02:41 ON 13 NOV 2007

Connecting via Winsock to STN



Welcome to STN International!  Enter x:x

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PASSWORD:
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SESSION RESUMED IN FILE 'STNGUIDE' AT 17:03:46 ON 13 NOV 2007
FILE 'STNGUIDE' ENTERED AT 17:03:46 ON 13 NOV 2007
COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
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DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-10.14

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L32 ANSWER 1 OF 9 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Antimetabolite antiviral dosing regimen for hepatitis C virus or flaviviridae therapy
AB An anti-hepatitis C agent which is an anti-metabolite to the host and cannot be administered on a daily or chronic basis as is usual in anti-viral therapy (referred to below as an "anti-HCV anti-metabolite"), can be administered using a traditional anti-cancer dosing regimen (for example via i.v. or parenteral injection), over a period of 1-7 days followed by cessation of therapy until rebound of the viral load is noted. This dosing regimen runs counter to conventional antiviral experience, wherein effective agents are usually administered over at least fourteen days of sustained therapy, and typically on an indefinite daily basis.
AN 2005:177803 HCAPLUS <<LOGINID::20071113>>
DN 142:254560
TI Antimetabolite antiviral dosing regimen for hepatitis C virus or flaviviridae therapy
IN Stuyver, Lieven J.
PA Pharmasset, Inc., USA
SO PCT Int. Appl., 61 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2005018330	A1	20050303	WO 2004-US26686	20040817 <--

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRAI US 2003-496202P P 20030818 <--
RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L32 ANSWER 2 OF 9 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Combined use of inosine monophosphate dehydrogenase (IMPDH) inhibitors with toll-like receptor agonists for immune system activation and treatment of diseases
AB The present invention provides a broad-spectrum, long-lasting, and non-toxic combination of synthetic immunostimulatory agents, which are useful for activating the immune system of a mammal and treating diseases such as cancer and autoimmune disease. These agents include TLR-ligands and ligand analogs which induce interferon production, in combination with inhibitors of inosine monophosphate dehydrogenase (IMPDH), that further enhance the induction of interferon production In mice that were injected with 250 μg of 7-thia-8-oxoguanosine (TLR-7 ligand), addition of mizoribine (IMPDH inhibitor) increased levels of Type I interferon in blood more than 4-fold.
AN 2005:15938 HCAPLUS <<LOGINID::20071113>>
DN 142:107390
TI Combined use of inosine monophosphate dehydrogenase (IMPDH) inhibitors with toll-like receptor agonists for immune system activation and treatment of diseases
IN Carson, Dennis A.; Cottam, Howard B.; Lee, Jongdae
PA Regents of the University of California, USA
SO U.S. Pat. Appl. Publ., 59 pp.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2005004144	A1	20050106	US 2004-824833	20040414 <--
	WO 2005016235	A2	20050224	WO 2004-US11566	20040414 <--
	WO 2005016235	A3	20060316		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRAI US 2003-463152P P 20030414 <--
OS MARPAT 142:107390

L32 ANSWER 5 OF 9 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Protein-protein interaction domains of adipocyte proteins and method for screening for association-inhibiting drugs
AB The present invention relates to protein-protein interactions of adipocytes. More specifically, the present invention relates to complexes of polypeptides, or polynucleotides encoding the polypeptides, interaction domains of the polypeptides, methods for screening drugs which modulate the interaction of proteins, and pharmaceutical compns. that are capable of modulating the protein-protein interactions. Thus, gene expression profiles of differentiated and undifferentiated human PAZ6 cells indicated that genes for the following proteins were overexpressed in the differentiated cells (adipocytes): protein TPT1 (tumor protein, translationally controlled, 1), leptin, complement component 1, thymosin β4, fibulin 1C, osteonectin, β2-microglobulin, proteasome subunit p31, huntingtin-interacting protein 2, and two interferon -inducible proteins. In a modified yeast two-hybrid system, the protein interaction domains of these proteins were used as bait to identify

proteins with which they interact. The DVL1, DVL2, and DVL3 (dishevelled 1, 2 and 3) proteins of the Wnt signaling pathway were all found to interact with the PSMD8 protein, i.e., proteasome subunit p31.

AN 2002:869083 HCAPLUS <<LOGINID::20071113>>

DN 137:381501

TI Protein-protein interaction domains of adipocyte proteins and method for screening for association-inhibiting drugs

IN Legrain, Pierre; Whiteside, Simon; Mao, Jen-I.; Khrebtukova, Irina; Luo, Shujun

PA Hybrigenics, Fr.; Lynx Therapeutics, Inc.

SO PCT Int. Appl., 232 pp.
CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002090544	A2	20021114	WO 2002-EP6333	20020503 <--
	WO 2002090544	A3	20031120		
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	AU 2002341232	A1	20021118	AU 2002-341232	20020503 <--
	US 2003232421	A1	20031218	US 2002-139794	20020506 <--
PRAI	US 2001-288885P	P	20010504 <--		
	WO 2002-EP6333	W	20020503 <--		

L32 ANSWER 6 OF 9 HCAPLUS COPYRIGHT 2007 ACS on STN

TI Identification of an IMPDH1 mutation in autosomal dominant retinitis pigmentosa (RP10) revealed following comparative microarray analysis of transcripts derived from retinas of wild-type and Rho-/- mice

AB Comparative anal. of the transcriptional profiles of approx. 6000 genes in the retinas of wild-type mice with those carrying a targeted disruption of the rhodopsin gene was undertaken by microarray anal. This revealed a series of transcripts, of which some were derived from genes known to map at retinopathy loci, levels of which were reduced or elevated in the retinas of Rho-/- mice lacking functional photoreceptors. The human homolog of one of these genes, encoding inosine monophosphate dehydrogenase type 1 (IMPDH1), maps to the region of 7q to which an adRP gene (RP10) had previously been localized. Mutational screening of DNA from the Spanish adRP family, originally used to localize the RP10 gene, revealed an Arg224Pro substitution co-segregating with the disease phenotype. The amino acid at position 224 of the IMPDH1 protein is conserved among species and the substitution is not present in healthy, unrelated individuals of European origin. These data provide strong evidence that mutations within the IMPDH1 gene cause adRP, and validate approaches to mutation detection involving comparative anal. of global transcription profiles in normal and degenerating retinal tissues. Other genes showing significant alterations in expression include some with anti-apoptotic functions and many encoding components of the extracellular matrix or cytoskeleton, a possible reflection of a response by Muller cells to preserve the remaining outer nuclear layer of the retina. We suggest that those genes identified are prime candidates for etiol. involvement in degenerative retinal disease.

AN 2002:231139 HCAPLUS <<LOGINID::20071113>>

DN 137:164502

TI Identification of an IMPDH1 mutation in autosomal dominant retinitis

pigmentosa (RP10) revealed following comparative microarray analysis of transcripts derived from retinas of wild-type and Rho-/- mice
AU Kennan, Avril; Aherne, Aileen; Palfi, Arpad; Humphries, Marian; McKee, Alex; Stitt, Alan; Simpson, David A. C.; Demtroder, Karin; Orntoft, Torben; Ayuso, Carmen; Kenna, Paul F.; Farrar, G. Jane; Humphries, Pete
CS The Ocular Genetics Unit, Department of Genetics, Trinity College, Dublin, 2, Ire.
SO Human Molecular Genetics (2002), 11(5), 547-558
CODEN: HMGEE5; ISSN: 0964-6906
PB Oxford University Press
DT Journal
LA English
RE.CNT 51 THERE ARE 51 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L32 ANSWER 7 OF 9 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Detection of variations in the DNA methylation profile of genes in the determining the risk of disease
AB The invention relates to an oligonucleotide kit as probe for the detection of relevant variations in the DNA methylation of a target group of genes. The invention further relates to the use of the same for determining the gene variant with regard to DNA methylation, a medical device, using an oligonucleotide kit, a method for determining the methylation state of an individual and a method for the establishment of a model for establishing the probability of onset of a disease state in an individual. Such diseases may be: undesired pharmaceutical side-effects; cancerous diseases; CNS dysfunctions, injuries or diseases; aggressive symptoms or relational disturbances; clin., psychol. and social consequences of brain injury; psychotic disorders and personality disorders; dementia and/or associated syndromes; cardiovascular disease, dysfunction and damage; dysfunction, damage or disease of the gastrointestinal tract; dysfunction, damage or disease of the respiratory system; injury, inflammation, infection, immunity and/or anastasis; dysfunction, damage or disease of the body as an abnormal development process; dysfunction, damage or disease of the skin, muscle, connective tissue or bones; endocrine and metabolic dysfunction, damage or disease; headaches or sexual dysfunction. This abstract record is one of several records for this document necessitated by the large number of index entries required to fully index the document and publication system constraints.
AN 2001:763235 HCAPLUS <<LOGINID::20071113>>
DN 135:314399
TI Detection of variations in the DNA methylation profile of genes in the determining the risk of disease
IN Berlin, Kurt; Piepenbrock, Christian; Olek, Alexander
PA Epigenomics A.-G., Germany
SO PCT Int. Appl., 636 pp.
CODEN: PIXXD2
DT Patent
LA German
FAN.CNT 69

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2001077373	A2	20011018	WO 2001-DE1486	20010406 <--
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
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DE 10019058	A1	20011220	DE 2000-10019058	20000406 <--
WO 2001077373	A2	20011018	WO 2001-XA1486	20010406 <--

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    WO 2001077373          A2     20011018    WO 2001-XB1486          20010406 <--
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            LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD,
            SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW
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            DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
            CF, CG, CI, CM, GA, GW, ML, MR, NE, SN, TD, TG
    AU 200173840           A      20011023    AU 2001-73840           20010406 <--
    AU 200177487           A      20011023    AU 2001-77487           20010406 <--
    EP 1278892             A1     20030129    EP 2001-940158          20010406 <--
        R:  AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
            IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
    EP 1360319             A2     20031112    EP 2001-955278          20010406 <--
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            IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
    AT 339520              T      20061015    AT 2002-90203           20020605 <--
    ES 2272636             T3     20070501    ES 2002-2090203         20020605 <--
    US 2004067491          A1     20040408    US 2003-240454          20030311 <--
    AU 2003204553          A1     20040108    AU 2003-204553          20030605 <--
    JP 2004008217          A      20040115    JP 2003-160375          20030605 <--
    US 2004023279          A1     20040205    US 2003-455212          20030605 <--
    US 2007026393          A1     20070201    US 2003-240970          20030711 <--
    AU 2006203475          A1     20060831    AU 2006-203475          20060811 <--
    AU 2006213968          A1     20061019    AU 2006-213968          20060915 <--
    AU 2006225250          A1     20061026    AU 2006-225250          20061005 <--
PRAI DE 2000-10019058      A      20000406  <--
    DE 2000-10019173       A      20000407  <--
    DE 2000-10032529       A      20000630  <--
    DE 2000-10043826       A      20000901  <--
    AU 2001-275663         A      20010406  <--
    AU 2001-276331         A3     20010406  <--
    AU 2001-75663          A      20010406  <--
    WO 2001-DE1486         W      20010406  <--
    WO 2001-EP4016         W      20010406  <--
    EP 2002-90203          A      20020605  <--
    AU 2006-230475         A      20060811


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COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
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FULL ESTIMATED COST                                    0.06     199.13

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
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CA SUBSCRIBER PRICE                                    0.00     -14.04

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COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
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FULL ESTIMATED COST                                       0.06     199.13

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=> file hcaplus
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CA SUBSCRIBER PRICE                                       0.00     -14.04

FILE 'HCAPLUS' ENTERED AT 17:06:48 ON 13 NOV 2007
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FILE COVERS 1907 - 13 Nov 2007  VOL 147 ISS 21
FILE LAST UPDATED: 12 Nov 2007  (20071112/ED)

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=> s ((inosine monophosphate dehydrogenase)or(IMPDH)) and interferon

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           629 INOSINE MONOPHOSPHATE DEHYDROGENASE
                 (INOSINE(W)MONOPHOSPHATE(W)DEHYDROGENASE)
           470 IMPDH
         79949 INTERFERON
L33         58 ((INOSINE MONOPHOSPHATE DEHYDROGENASE)OR(IMPDH)) AND INTERFERON

=> s ((inosine monophosphate dehydrogenase)or(IMPDH)) and interferon and synerg?
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                 (INOSINE(W)MONOPHOSPHATE(W)DEHYDROGENASE)
           470 IMPDH
         79949 INTERFERON
        116923 SYNERG?
L34          10 ((INOSINE MONOPHOSPHATE DEHYDROGENASE)OR(IMPDH)) AND INTERFERON
                AND SYNERG?

=> file stnguide

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DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
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CA SUBSCRIBER PRICE                                       0.00     -14.04

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FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Nov  9, 2007 (20071109/UP).

=> d l34 1-10 ti
YOU HAVE REQUESTED DATA FROM FILE 'HCAPLUS' - CONTINUE? (Y)/N:y


L34  ANSWER 1 OF 10  HCAPLUS  COPYRIGHT 2007 ACS on STN
TI   Cyclosporin derivatives for the treatment and prevention of hepatitis C
     infection

L34  ANSWER 2 OF 10  HCAPLUS  COPYRIGHT 2007 ACS on STN
TI   Mycophenolic acid inhibits hepatitis C virus replication and acts in
     synergy with cyclosporin A and interferon-α

L34  ANSWER 3 OF 10  HCAPLUS  COPYRIGHT 2007 ACS on STN
TI   Treatment of hepatitis V virus (HCV) with subtherapeutic doses of
     ribavirin

L34  ANSWER 4 OF 10  HCAPLUS  COPYRIGHT 2007 ACS on STN
TI   Immunosuppression using the mTOR inhibition mechanism affects replacement
     of rat liver with transplanted cells

L34  ANSWER 5 OF 10  HCAPLUS  COPYRIGHT 2007 ACS on STN
TI   IMPDH inhibitor combined with vitamin B12 or interferon
     for treating viral, inflammatory and proliferative diseases

L34  ANSWER 6 OF 10  HCAPLUS  COPYRIGHT 2007 ACS on STN
TI   Combined use of inosine monophosphate
     dehydrogenase (IMPDH) inhibitors with toll-like receptor
     agonists for immune system activation and treatment of diseases

L34  ANSWER 7 OF 10  HCAPLUS  COPYRIGHT 2007 ACS on STN
TI   The role of ribavirin in the combination therapy of hepatitis C virus
     infection

L34  ANSWER 8 OF 10  HCAPLUS  COPYRIGHT 2007 ACS on STN
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TI Combination therapy for RNA virus infections involving ribavirin and IMPDH inhibitors

L34 ANSWER 9 OF 10 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Pleiotropic mechanisms of ribavirin antiviral activities

L34 ANSWER 10 OF 10 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Dihydroorotate dehydrogenase inhibitors, and use with other agents, for the treatment of virus-mediated diseases

=> d l34 2 5 7 8 9 10 ti abs bib
YOU HAVE REQUESTED DATA FROM FILE 'HCAPLUS' - CONTINUE? (Y)/N:y

L34 ANSWER 2 OF 10 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Mycophenolic acid inhibits hepatitis C virus replication and acts in synergy with cyclosporin A and interferon-α
AB Background & Aims: Chronic hepatitis C virus (HCV) infection is the leading indication for liver transplantation. Clin. evidence suggests that particular immunosuppressive agents can have an influence on HCV recurrence. Cyclosporine A (CsA) specifically inhibits HCV replication through blocking the viral RNA polymerase enzyme NS5B. In this study, we investigated the effect of mycophenolic acid (MPA) and other immunosuppressants on HCV replication. Methods: MPA and other compds. were tested in vitro using an HCV-replication model containing a luciferase reporter gene. Results: At clin. relevant concns. (1.0-6.0 μg/mL), MPA inhibited HCV replication to approx. 75%. CsA and interferon (IFN)-α also showed inhibition in a dose-dependent manner. In these short-term (18 h) expts., MPA did not inhibit cell proliferation or induce cell death, which could have accounted for the antiviral effect. In contrast to the antiviral activity of MPA against West Nile virus, the effect of MPA on HCV replication was guanosine independent. When combined, MPA and CsA showed significant synergistic inhibition of replication, reaching maximum inhibition of .apprx.90% at the highest doses. Synergistic effects were observed with suboptimal concns. of IFN-α with MPA or CsA. The kinetics of HCV inhibition by MPA, CsA, and IFN-α were clearly distinct, with earliest effects seen with IFN-α. No specific inhibitory effects were observed with tacrolimus or rapamycin. Conclusions: The immunosuppressive drug MPA is as potent as CsA as an inhibitor of HCV replication. MPA was shown to have a distinct anti-HCV mechanism of action, independent of cell proliferation and guanosine depletion.
AN 2006:1324492 HCAPLUS <<LOGINID::20071113>>
DN 146:198108
TI Mycophenolic acid inhibits hepatitis C virus replication and acts in synergy with cyclosporin A and interferon-α
AU Henry, Scot D.; Metselaar, Herold J.; Lonsdale, Richard C. B.; Kok, Alice; Haagmans, Bart L.; Tilanus, Hugo W.; Van Der Laan, Luc J. W.
CS Department of Surgery, Erasmus MC-University Medical Center, Rotterdam, Neth.
SO Gastroenterology (2006), 131(5), 1452-1462
CODEN: GASTAB; ISSN: 0016-5085
PB Elsevier Inc.
DT Journal
LA English
RE.CNT 53 THERE ARE 53 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L34 ANSWER 5 OF 10 HCAPLUS COPYRIGHT 2007 ACS on STN
TI IMPDH inhibitor combined with vitamin B12 or interferon for treating viral, inflammatory and proliferative diseases
AB Described are uses of vitamin B12 compound, IMPDH

(inosine-5'-monophosphate dehydrogenase) inhibitor, and optionally an interferon in treatment of viral, inflammatory, immunodeficiency, IMPDH-mediated, and proliferative diseases using. Synergistic in-vitro interactions were observed between (1) α interferon and ribavirin, (2) α interferon and hydroxocobalamin, (3) α interferon, ribavirin and Hydroxocobalamin against bovine viral diarrhea virus as surrogate models of hepatitis C virus (HCV) replication.

AN 2006:101033 HCAPLUS <<LOGINID::20071113>>

DN 144:164240

TI IMPDH inhibitor combined with vitamin B12 or interferon for treating viral, inflammatory and proliferative diseases

IN Cruz, Antonio

PA Transition Therapeutics Inc., Can.

SO PCT Int. Appl., 34 pp.
CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2006010256	A1	20060202	WO 2005-CA1163	20050726
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
EP 1793846	A1	20070613	EP 2005-770301	20050726
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR				
PRAI US 2004-591346P	P	20040726		
WO 2005-CA1163	W	20050726		

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L34 ANSWER 7 OF 10 HCAPLUS COPYRIGHT 2007 ACS on STN

TI The role of ribavirin in the combination therapy of hepatitis C virus infection

AB A review. Ribavirin is a very broad-spectrum anti-viral agent used clin. to treat infections by Lassa fever virus, respiratory syncytial virus (RSV) and, in combination with Interferon-α (IFN-α), hepatitis C virus (HCV). Although it was originally synthesized over 30 yr ago, the precise mechanisms of its therapeutic activities are still not fully understood. Ribavirin was shown to possess both direct and indirect action mechanisms against several DNA and RNA viruses. These include direct inhibition of viral RNA-dependent RNA polymerases, inhibition of the host inosine monophosphate dehydrogenase , modulation of the host immune response and inhibition of viral capping enzymes. More recently, ribavirin was demonstrated to be able to act as an RNA virus mutagen, increasing mutations in the RNA virus genome and reducing their infectivity. Still the real challenge is to identify which of its biol. properties is responsible for the observed clin. efficacy on specific infections. Under this aspect, renewed interest results from its synergistic enhancement of interferon-α (IFN-α) therapy, which could open the way to develop more powerful anti-HCV compds. This work purpose is to provide a broad overview of all the recognized ribavirin action mechanisms against HCV, which can possibly

also explain its synergistic behavior with IFN-α. An overview on the corresponding HCV treatment clin. observations is also provided in the second part of this work.

AN 2004:514481 HCAPLUS <<LOGINID::20071113>>
DN 141:116272
TI The role of ribavirin in the combination therapy of hepatitis C virus infection
AU Picardi, A.; Gentilucci, U. Vespasiani; Zardi, E. M.; D'Avola, D.; Amoroso, A.; Afeltra, A.
CS Laboratory of Internal Medicine, Hepatology and Immunology, University "Campus Bio-Medico", Rome, Italy
SO Current Pharmaceutical Design (2004), 10(17), 2081-2092
CODEN: CPDEFP; ISSN: 1381-6128
PB Bentham Science Publishers Ltd.
DT Journal; General Review
LA English
RE.CNT 110 THERE ARE 110 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L34 ANSWER 8 OF 10 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Combination therapy for RNA virus infections involving ribavirin and IMPDH inhibitors
AB This invention relates to the treatment of viral infections in animals, particularly mammals. Method involves administration of a pharmaceutical composition comprising combinations of antiviral compds. useful for treating viral infections. The anti-viral compds. are combined in such a manner to reduce the detrimental side effects of treatment and to enhance the efficacy. In a particular embodiment, the invention provides a method for treating a viral infection in a mammal comprising administration to a mammal in need of such treatment a therapeutically effective amount of a combination of ribavirin in association with (S)-N-3-[3-(3-methoxy-4-oxazol-5-yl-phenyl)ureido]-benzylcarbamic acid tetrahydrofuran-3-yl-ester and pegylated interferon-alpha-2b.
AN 2003:971807 HCAPLUS <<LOGINID::20071113>>
DN 140:23206
TI Combination therapy for RNA virus infections involving ribavirin and IMPDH inhibitors
IN Malcolm, Bruce A.; Reyes, Gregory R.; Zhou, Sifang
PA Schering Corporation, USA
SO PCT Int. Appl., 54 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003101199	A1	20031211	WO 2003-US16891	20030530
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, HR, HU, ID, IL, IN, IS, JP, KG, KR, KZ, LC, LK, LR, LT, LU, LV, MA, MD, MG, MK, MN, MX, MZ, NI, NO, NZ, PH, PL, PT, RO, RU, SC, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UZ, VC, VN, YU, ZA, ZM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU 2003249659	A1	20031219	AU 2003-249659	20030530
	US 2004034206	A1	20040219	US 2003-449237	20030530
PRAI	US 2002-384658P	P	20020531		
	US 2002-405546P	P	20020822		
	WO 2003-US16891	W	20030530		

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L34 ANSWER 9 OF 10 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Pleiotropic mechanisms of ribavirin antiviral activities
AB A review. Renewed interest in the mechanism of action of ribavirin results from its synergistic enhancement of interferon therapy and the need to develop more efficacious agents to treat hepatitis C virus infection. Since the discovery of ribavirin over 30 yr ago by scientists at ICN Pharmaceuticals, many mechanisms of action for ribavirin have been proposed. These include inhibition of host inosine monophosphate dehydrogenase by ribavirin monophosphate, inhibition of viral capping enzymes, inhibition of viral RNA synthesis by ribavirin triphosphate, lethal mutagenesis of viral RNA genomes resulting from promiscuous incorporation of ribavirin triphosphate by the viral RNA polymerase, and modulation of the host immune responses. In this article, we will briefly review the evidence for these mechanisms, emphasizing recent findings. In addition, we will discuss strategies for development of nucleoside analogs that may replace ribavirin in the future.
AN 2002:941129 HCAPLUS <<LOGINID::20071113>>
DN 139:78142
TI Pleiotropic mechanisms of ribavirin antiviral activities
AU Hong, Zhi; Cameron, Craig E.
CS Drug Discovery, ICN Pharmaceuticals, Inc., Costa Mesa, CA, 92626, USA
SO Progress in Drug Research (2002), 59, 41-69
CODEN: FAZMAE; ISSN: 0071-786X
PB Birkhaeuser Verlag
DT Journal; General Review
LA English
RE.CNT 141 THERE ARE 141 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L34 ANSWER 10 OF 10 HCAPLUS COPYRIGHT 2007 ACS on STN
TI Dihydroorotate dehydrogenase inhibitors, and use with other agents, for the treatment of virus-mediated diseases
AB Flavivirus, rhabdovirus, and paramyxovirus infections may be treated by administering an inhibitor of dihydroorotate dehydrogenase, e.g. 6-fluoro-2-(2'-fluoro-1,1'-biphenyl-4-yl)-3-methyl-4-quinolinearcarboxylic acid sodium salt (Brequinar). A synergistic effect can be obtained if an interferon, e.g. interferon α2, interferon α8 or interferon β, or an inhibitor of a second enzyme selected from inosine monophosphate dehydrogenase, guanosine monophosphate synthetase, cytidine triphosphate synthetase and S-adenosylhomocysteine hydrolase, is also administered. Compound preparation is described.
AN 2001:265241 HCAPLUS <<LOGINID::20071113>>
DN 134:290390
TI Dihydroorotate dehydrogenase inhibitors, and use with other agents, for the treatment of virus-mediated diseases
IN Tan, Yin Hwee; Driscoll, John Stanford; Mui Mui, Sim
PA Institute of Molecular and Cell Biology, Singapore; Mui Mui, Sim
SO PCT Int. Appl., 50 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001024785	A2	20010412	WO 2000-US26797	20000929
	WO 2001024785	A3	20020711		

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RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,

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EP 1237546 A2 20020911 EP 2000-965517 20000929

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL

JP 2003510352 T 20030318 JP 2001-527784 20000929

US 6841561 B1 20050111 US 2002-89553 20020508

PRAI US 1999-157017P P 19991001

WO 2000-US26797 W 20000929

OS MARPAT 134:290390